

# Seventh National School on Neutron and X-ray Scattering

## August 14-28, 2005

at

### Argonne National Laboratory Argonne, Illinois

**Purpose:** The main purpose of the National School on Neutron and X-ray Scattering is to educate graduate students on the utilization of major neutron and x-ray facilities. Lectures, presented by researchers from academia, industry, and national laboratories, will include basic tutorials on the principles of scattering theory and the characteristics of the sources, as well as seminars on the application of scattering methods to a variety of scientific subjects. Students will conduct four short experiments at Argonne's Advanced Photon Source Division and Intense Pulsed Neutron Source Division to provide hands-on experience for using neutron and synchrotron sources.

**Target Audience:** Graduate students attending U.S. universities majoring in physics, chemistry, materials science, or related fields.

**Jointly Conducted by:** Argonne National Laboratory's Division of Educational Programs, Intense Pulsed Neutron Source, Advanced Photon Source, and Materials Science Division.

**Scientific Directors:** Raymond Osborn and Dean Haeffner. Email address: [nxschool@dep.anl.gov](mailto:nxschool@dep.anl.gov)

**How to Apply:** Applicants are encouraged to register electronically at <http://www.dep.anl.gov/nx/>  
Applicants who do not have access to the website may request an application form by contacting:

Neutron and X-ray School  
Division of Educational Programs  
Argonne National Laboratory  
Building 223  
9700 South Cass Avenue  
Argonne, IL 60439  
630-252-4114 (telephone)  
630-252-3193 (fax)  
Email: [nxschool@dep.anl.gov](mailto:nxschool@dep.anl.gov)

**Application Deadline:** May 13, 2005

**Supported by:**

